

Established At MIT In 1881

Vol. 81, No. 28

Cambridge, Mass., Wednesday, January 10, 1962

5 Cents

## Prof. Huston Smith Featured On TV's 'Meet The Professor'

By Keith Trevell '65

Professor Huston Smith appeared on ABC-TV last Sunday afternoon in the first of another series of "Meet the Professor" telecasts.

For Smith, an MIT professor of philosophy, this was only one of many television appearances. Since a series of lectures on St. Louis TV in 1956, he has helped with three series of televised lectures and discussions.

"The taping for this program was all done in one day, and the result was probably not as good as it could have been," said Smith. This was especially true, as equipment had to be moved about to his office, Hayden Lounge, his home in Belmont, and various other locations around MIT.

### New Approach Better

In spite of the difficulties, Prof. Smith expressed approval of the show in general: "It's a decided improvement over last year's format. It used to be that the shows were nothing but interviews with various professors; this approach didn't go over too well."

"On this program they showed me in personal consul-



Prof. Huston Smith

tation, with a seminar, and in a lecture, while I gave a commentary of sorts. The students cooperated very nicely and seemed to enjoy it."

### First Philosophy Professor

During the program, Smith gave some of his views of the relationships among philosophy, science, teachers, and students in general, and these subjects at MIT in particular. He could speak from a rather unique po-

sition since when he came to MIT four years ago he was the first permanent appointee in philosophy since the Institute's early days.

After an introductory statement by Prof. Smith, he was shown discussing the physical construction of a paper with Arthur Rogers, a graduate student in physics. The commentary brought out the need of student-teacher relationships on the individual level.

### Individuals Must Think

The scene then shifted to a meeting of the senior humanities seminar, in which ideas on universal order were being tossed back and forth. Smith emphasized the need for encouraging individual thinking and participation.

The next shot showed him at his home: "The life of the mind, to say nothing of the spirit, needs continuous restoration. Unfortunately, I get very little solitude; I have to fight to get time to read, much less to think."

Finally, Prof. Smith was shown giving a lecture to his class on Eastern philosophies and religions. The following constituted one of his examples: "When the British first came to India, they discovered materials being used by the Indians which were 'obviously' pornographic. Consequently, they immediately banned this literature from the mails."

### British "Intelligent"

"The British, however, are marvelously intelligent about (Please turn to page 5)

## Grades Will Be In Mail Feb. 1

First term grade reports will be mailed to the term address on Thursday evening, February 1, the Registrar has announced. The report may be sent to the student at a different address if he calls at the Registrar's Office no later than January 26. Duplicate reports will be sent to the parents of first year students.

Transcripts with grades included will be available beginning the week of March 12, 1962, if orders are placed now. Transcripts without February grades may be ordered in the meantime.

## Wynne New Associate Course XV Dean

The appointment of John M. Wynne as associate dean of the School of Industrial Management has been announced by Dean Howard W. Johnson.

Mr. Peter P. Gil will succeed Mr. Wynne as director of the school's Executive Development Programs, also effective February 1, 1962, Dean Johnson announced. Mr. Gil now is assistant director of the Centre d'Etudes Industrielles at Geneva, Switzerland.

Mr. Wynne has served as director of the Executive Development Programs since 1958. The Executive Development Programs include the Sloan Fellowships in Industrial Management providing an academic year of graduate study for a select group of young business

executives and semi-annual 10-week graduate programs for key senior business executives.

Before joining the M.I.T. School of Industrial Management, Mr. Wynne was the chief civilian administrative officer of the Sacramento Air Materiel Area at McClellan Air Force Base, Calif. With the exception of three years of Navy service in the Pacific during World War II, Mr. Wynne had been employed at the McClellan facility since 1941. He was a Sloan Fellow in Industrial Management at M.I.T. in the 1955-56 academic year while on leave of absence from his Air Force position and received his S.M. degree in industrial management from M.I.T. at the conclusion of that year.

## 2nd Century Fund

## Old Dominion Foundation Grants \$500,000 To XXI

A grant of \$500,000 from the Old Dominion Foundation of New York City to MIT's \$66,000,000 Second Century Fund was announced by Dr. Killian, Chairman of the Corporation.

The grant will endow a "Young Professors' Growth Fund" in the School of Humanities and Social Science and will be called "Old Dominion Fund for the Humanities." The fund will permit young professors in the department of humanities to take periods of leave from their normal teaching duties to devote to scholarly interests.

"This grant will do much to bring to full maturity the program in the humanities which has been under development at the Institute over the past decade or more," said Dr. Killian.

John E. Burchard, Dean of the School of Humanities and Social Science, explained that the income from the fund will permit the appointment of more young assistant professors than those needed to carry on the departmental teaching duties. Their presence will thus permit every young professor in the department the chance to have two periods of leave, with pay,

during the first seven years of his career.

"The Young Professors' Growth Fund is designed to solve the problem of the young professor who is torn between the desire to do a first-class teaching job and the necessity to establish a scholarly reputation," Dean Burchard said. "These are not in absolute conflict, but they certainly compete for the man's time and interest."

"The leaves-of-absence will relieve the young professor of his normal teaching duties, which occupy so much of his time, and give him the opportunity for uninterrupted pursuit of his scholarly interests. In addition, limited funds will be available to support, on a selective basis, worthwhile research projects by the young man on leave."

"I believe that this fund offers an important example to the country. I am certain that it will have a powerful effect on our general undergraduate teaching in the humanities, on the morale of the young staff, and indeed on their future careers wherever they might be spent."

## LSC Seeks New Russian Speaker

## Kremlin Recall Halts Menshikov Appearance

Soviet Ambassador M. A. Menshikov's lecture, originally scheduled for this evening in Kresge Auditorium, has been

cancelled because of his recall by the Russian government.

The Lecture Series Committee originally approached the ambassador three years ago to arrange the lecture. Elaborate negotiations followed, and finally a date was settled. Last week Moscow recalled Menshikov, making the lecture impossible.

LSC plans to approach his replacement, when announced, or the second ranking official, to arrange for a substitute lecture later this term.

Menshikov attended the 22nd Congress of the Communist Party last summer, and he recently received a degree in economics, emphasizing his specialty—international trade. A former ambassador to India, he came to the United States as ambassador in 1958.



M. A. Menshikov

## Foreign Students Must Report Their Addresses

The Immigration and Naturalization Service of the United States Department of Justice advises that every foreign student must report his address during the month of January.

The report must be made on Form I-53 which is available at all Post Offices or any office of the Immigration and Naturalization service. The form should be returned in person to the Post Office or the Naturalization service.

Governor Volpe of Massachusetts has designated January, 1962 as Alien Address Report Month.

## Construction Begins On 20-Story Earth Science Building; WGBH Block Levelled



At left work begins at the site of the planned Center for Earth Sciences, north of the Hayden Library. Destined to be the tallest structure in Cambridge, it is scheduled for completion in 1963. See story page 3. At right, workmen survey the remains of the

WGBH building, being demolished to prepare for the construction of the new student union. Fire destroyed the building in October.

— photos by Conrade Grundhner '64

# CALENDAR of EVENTS

\*Open to the public

Wednesday, January 10

## OPERATIONS RESEARCH CENTER\*

Seminar: "Some Practical Applications of Simulation Methods in the Railroad Industry." Mr. Peter Wilson, Chief of Operational Research, Canadian National Railways, Montreal.  
Room 1-146, 2:00 p.m.  
MIT HILLEL SOCIETY.  
Study group: "Toward a Social Philosophy."  
317 Memorial Drive, 3:00 p.m.

## PLACEMENT INTERVIEWS

Interview appointments are obtainable at the Student Placement Bureau, 1-173. Course numbers eligible listed in parentheses. All degree levels sought unless otherwise indicated. Abbreviations: S.B. (B), S.M. (M), Ph.D. or Sc.D. (D).  
January 12  
Lenkurt Electric Company (6-B, M).

## DEPARTMENT OF BIOLOGY\*

Seminar: "The Sequence of Biochemical Events during the Germination of Bacterial Endospores." Professor Alexander Keyman, Israel Institute for Biological Research, Ness-Ziona, Israel and Visiting Professor of Biology, MIT. Tea in Room 16-711 at 4:00 p.m.  
MIT CHEMICAL SOCIETY.  
Meeting: "Fallout, Shelters, Nuclear War." Professor Charles D. Coryell, MIT. Spofford Room, 1-236, 5:00 p.m.  
COURSE XXI SOCIETY.\*  
Lecture by Vercors (Jean Bruller), Distinguished French Author, "Esthetics of Revolt."  
Hayden Library Lounge, 5:00 p.m.

## POLITICAL SCIENCE SECTION.

Meeting for junior majors, sophomores and juniors interested in majoring in Political Science. Speaker, Dr. Lucian Pye. Room 14N-225, 5:00 p.m.

## HILLEL SOCIETY.\*

Israeli Dancing. Admission 50c.  
Walker Memorial, Room 201, 8:30 p.m.

Thursday, January 11

## DEPARTMENT OF NUCLEAR ENGINEERING.

Seminar: "Temperature Coefficients in Heterogeneous Reactor Lattice Cells." J. Suich, "Orthogonal March-Out Method for Flux Calculations." D. R. Edwards. "Experimental Reformulation of the Neutron Balance." S. G. Ostroff. Building NW-12, 138 Albany St., 3:00 p.m.  
MIT HILLEL SOCIETY.  
Study group: "Basic Concepts of Judaism."  
317 Memorial Drive, 4:00 p.m.

## DEPARTMENT OF PHYSICS.

Colloquium: "How We See Straight Lines." Dr. John R. Platt, MIT. Tea in the John Picker Koiter Room (26-414) at 3:30 p.m.  
Room 26-100, 4:00 p.m.  
DEPARTMENT OF MATHEMATICS.  
BRANDEIS-HARVARD-MIT MATHEMATICS COLLOQUIUM.\*  
"The Theory of Cylindrical Algebras." Professor Leon A. Henkin, Institute for Advanced Study, Princeton, N.J. Tea in the Common Room at 4:00 p.m.  
Room 2-390, 4:30 p.m.  
TECHNOLOGY CATHOLIC CLUB.\*  
Meeting: "The Humanities and the Index." Professor Charles R. Niehaus, Department of Humanities, MIT. Miller Room, 3-070, 5:00 p.m.  
WATER POLO CLUB.\*  
Meeting.  
Alumni Pool, 6:30 p.m.

Friday, January 12

## DEPARTMENT OF CHEMICAL ENGINEERING. 10:00 SEMINAR.

"Kinetics and Mechanism of Partial Oxidation of Propylene." John D. Sherman. Room 12-182, 3:00 p.m.  
"Coking and Regeneration of a Silica-Alumina Dehydrogenation Catalyst." John W. Nestor. Room 12-142, 4:00 p.m.  
DEPARTMENT OF MECHANICAL ENGINEERING.  
Seminar: "An Investigation of Some Gyroscopic Phenomena." Mr. S. Hoyer. Coffee in the Miller Room (3-070) at 3:00 p.m.  
Room 3-270, 3:30 p.m.  
LECTURE SERIES COMMITTEE.  
Classic film series: "Long Pants," "His

Bitter Pill," and "Making A Living." Admission by subscription ticket only. Room 15-250, 6:30 and 9:00 p.m.

Saturday, January 13

## MIT HILLEL SOCIETY.

Discussion group: "The Torah Portion of the Week."  
317 Memorial Drive, 2:30 p.m.  
LECTURE SERIES COMMITTEE.\*  
Entertainment film series: "Carry on Nurse." Admission 30c.  
Kresge Auditorium, 5:15, 7:30 and 9:45 p.m.  
RUSSIAN FILM SERIES.\*  
"The Village Teacher." Russian dialogue with English subtitles. Admission 75c or by series ticket.  
Room 6-120, 5:30, 7:30 and 9:30 p.m.

Sunday, January 14

## PROTESTANT CHRISTIAN ASSOCIATION.

Breakfast for Protestant Students. West Dining Room, Graduate House, 10:00 a.m.  
HUMANITIES SERIES CONCERT.\*  
The Juilliard String Quartet. Third concert in a series. Admission: \$2.00 or by series ticket.  
Kresge Auditorium, 3:00 p.m.  
DEPARTMENT OF HUMANITIES.\*  
Concert in honor of Dr. Albert Schweitzer's 87th birthday. Melville Smith, organ; Klaus Liepmann and Betty Sly, violin; Harold Sproul, cello; and Allan Sly, harpsichord. Works of Bach, Mozart, Mendelssohn, and Cesar Franck. Admission free.  
Kresge Auditorium, 8:30 p.m.

Monday, January 15

## DEPARTMENT OF CIVIL ENGINEERING. TRANSPORTATION ENGINEERING DIVISION SEMINAR.

"The Form of Future Transportation Systems." Professor John R. Meyer, Professor of Economics, Harvard University. Room 1-146, 2:00 p.m.

## APPLIED MATHEMATICS AND MECHANICS COLLOQUIUM.\*

"Some Topics in Linear Shell Theory." Professor W. T. Koiter, Delft Institute of Technology and Visiting Professor, Brown University. Tea in Room 2-270 at 3:30 p.m.

DEPARTMENT OF NUCLEAR ENGINEERING.  
Seminar: "Homogeneously Catalyzed Exchange of Hydrogen Isotopes Between Water and Gaseous Hydrogen." T. Ishida. "Rear Shaping in Thermal Reactors by Self-Shielding Solutions." D. J. McGoff. "Experimental Studies on the Thermodynamic Blanket." P. S. Spangler. Building NW-12, 138 Albany St., 3:00 p.m.  
MIT HILLEL SOCIETY.  
Study group: "Judaism and Modern Science."  
317 Memorial Drive, 4:00 p.m.

## MIT OUTING CLUB.\*

Meeting.  
Walker Memorial, Room 306, 5:15 p.m.

## MIT HILLEL SOCIETY.\*

Study group: Gemara class.  
317 Memorial Drive, 7:00 p.m.

## CHORAL SOCIETY.

Rehearsal.  
Kresge Auditorium, 7:30 p.m.

## TECHNOLOGY DAMES.

"Make-Up" with representative of Charles of the Ritz.  
Hayden Library Lounge, 8:00 p.m.  
MIT HILLEL SOCIETY.  
Study group: "Elementary Hebrew."  
Room 5-231, 8:30 p.m.

Tuesday, January 16

## NEUROLOGY SECTION, ELECTRONIC SYSTEMS LABORATORY.

Seminar: "Information Transfer in Crustacean Optic Tracts." Professor Talbot Waterman, Zoology Department, Yale University.  
Room 26-217, 2:00 p.m.  
MIT HILLEL SOCIETY.  
Seminar on Jewish History.  
317 Memorial Drive, 4:00 p.m.  
Study group.  
Morris Hall, Walker Memorial, 5:00 p.m.  
DEPARTMENT OF HUMANITIES.\*  
Piano recital by Jeanne Stark (Mrs. Lawrence Stark). Program: "Mozart Sonata K. 330, Gaspard de la Nuit by Ravel. Music by two contemporary Belgian composers, Jongen and Absil. Admission free.  
Hayden Memorial Music Library, 5:00 p.m.

## WATER POLO CLUB.\*

Meeting.  
Alumni Pool, 6:30 p.m.

## MIT HILLEL SOCIETY.

Study group: "Elementary Yiddish."  
Room 5-203, 8:00 p.m.

## MIT FACULTY PISTOL AND RIFLE CLUB.\*

Match with Mystic, Team No. 2.  
Rifle Range, 8:00 p.m.

## LINCOLN DECENNIAL LECTURES.\*

Fifth lecture in a series "The Age of Electronics." "Radio Telescopes." Edward G. Bowen, The Commonwealth Scientific and Industrial Research Organization, Sydney, Australia.  
Kresge Auditorium, 8:00 p.m.

Wednesday, January 17

## ELECTRONIC SYSTEMS LABORATORY.\*

Seminar: "Tolerance Problem in Threshold Logic." Professor Eliezer Goto.  
Room 26-222, 3:00 p.m.

## MIT HILLEL SOCIETY.

Study group: "Toward a Social Philosophy."  
317 Memorial Drive, 3:00 p.m.

## DEPARTMENT OF NUCLEAR ENGINEERING.

Seminar lecture: "Equivalent Diffusion Coefficients for Lattices." Dr. D. S. Selenigut, Manager, Advanced Reactor Physics, Knolls Atomic Power Laboratory. All interested persons are welcome.  
Room 222, 138 Albany St., 4:00 p.m.

## DEPARTMENT OF ELECTRICAL ENGINEERING.\*

Film: "Underwater Archeology in Israel." Edwin A. Flink, Binghamton, N.Y. Admission free.  
Room 26-100, 5:00 p.m.

## MIT SCIENCE FICTION SOCIETY.\*

Science Fiction Movie: "Forbidden Planet." Admission 30c.  
Kresge Auditorium, 6:00 & 9:00 p.m.

## MIT HILLEL SOCIETY.\*

Israeli Dancing. Admission 50c.  
Walker Memorial, Room 201, 8:30 p.m.

## Exhibits\*

## PHOTO SERVICE GALLERY

(217 Massachusetts Avenue).  
Photographic salon prints by R. R. Valentine, APSA, ARPS, of Erie, Pa. The exhibit includes seascapes, landscapes, and snow scenes. Displayed through January 12.

## MIT on WGBH-TV, Channel 2

MIT SCIENCE REPORTER.  
"The Future of Computers." Guest: Dr. Stanislaw M. Ulam, Research Advisor, Los Alamos Scientific Laboratory, Los Alamos, New Mexico.

Wednesday, January 10, 9:30 p.m. and

Sunday, January 14, 6:30 p.m.

## Grand Prize To Hauser In Tech Photo Contest, Hockon, Fellows Place

The Hobby Shop has announced the winners of its many-categorized photo contest. The grand prize was awarded to Gunther Hauser. For his achievement, Gunther received \$35.

In the category of color pictures, first prize went to E. Hockon, 2nd to John Launer, and 3rd to J. Wagner. In the categories of scenic and portrait, 1st, 2nd and 3rd prizes went to Don Fellows, Jonathon Wachtor, Jim Houk, P. Wolff, Brooks Lyman and Joseph Perkell, respectively. First prize in all cases was worth \$15; 2nd, \$10; 3rd, \$5. There were 20 honorable mentions out of an entered total of 300 pictures submitted by 65 people.

## AUTOMATIC LANGUAGE TRANSLATION

# ОДНОГО ПОЛЯ ЯГОДА

From the same field the berry

# C'est bonnet blanc et blanc bonnet

It is hat white and white hat

Six of one,  
half a dozen  
of the  
other

If computers process data in mathematical terms, how can they be instructed to handle information and applications that are not essentially arithmetic? IBM, in cooperation with the U.S. Air Force, is finding some answers through research in automatic language translation systems.

Machine translation of idioms, for example, is teaching us a great deal about information processing. An idiomatic phrase may have a meaning quite different from the sum of its individual words, and a system that merely matches these words won't come close to translating it. One solution is an "expanded electronic dictionary" that contains idioms and grammatical instructions as well as single words. Work is now under way to clarify meaning further by automatic syntactical analysis.

Systems research such as this requires its own kind

of translation—the translation of an idea into a working system. For people with this ability, who like to travel beyond the boundaries of their specialized areas, IBM offers unusual opportunity. If you're interested in any of the fields in which IBM is making important advances—semiconductors, microwaves, magnetics, superconductivity—and your major is in engineering or one of the sciences, you are invited to talk with the IBM representative. He will be interviewing on your campus this year. Your placement office can make an appointment. All qualified applicants will receive consideration for employment without regard to race, creed, color or national origin. Write, outlining your background and interests, to: Mgr. of Technical Employment, Dept. 898, IBM Corporation, 590 Madison Avenue, New York 22, N. Y.

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IBM will interview March 1, 2.



## Turner Construction Co. Awarded Contract for Earth Sciences Center

MIT has awarded a contract to Turner Construction Company for construction of the Center for Earth Sciences.

The \$5,000,000 structure is being financed through a \$6,000,000 grant for building and equipping the center made to the M.I.T. Second Century Program by Mr. and Mrs. Cecil Green, of Dallas, Texas.

The building was designed by an MIT alumnus, I. M. Pei, founder of I. M. Pei & Associates, New York City. The structural engineers are Severud-Elstad-Krueger Associates, and the mechanical design is by Syska & Hennessey, both of New York City.

The building will be the tallest in Cambridge rising 20 stories to a height of over 300 feet. Besides numerous classrooms, seminar rooms and laboratories, the building will contain an auditorium seating 250 persons, a library, the headquarters for the Department of Geology and Geophysics and the Department of Meteorology, and a faculty lounge.

## Civil Rights Committee Plans Feb. 7 Lecture

Erle Johnston, Public Relations Director of Mississippi, will give an illustrated lecture on the "separate but equal" doctrine in Kresge Auditorium, Feb. 7.

In preparation for this talk, the MIT Civil Rights Committee is holding a planning meeting in the Hayden Library Lounge at 5 p.m. Thursday, Jan. 11. The committee wants to "make sure that there are a large number of persons in the audience who are capable of asking carefully constructed, intelligent questions."

## Fraternity Row

### Joint Parties Strengthen Ties; Jr. Society Party Coming Up

By Stan Fliska

During the past few weeks several MIT fraternities have held joint parties. The purpose of the parties has been to promote a closer relation among the houses, and to provide an inexpensive and yet successful party. In December, Sigma Nu, Delta Upsilon and Delta Tau Delta got together for a Rock and Roll party over at the Delt house. Theta Delta Chi and Kappa Sigma had a square dance in the armory. It was attended by over fifty couples. Next Saturday Sigma Alpha Epsilon and Delta Tau Delta are having a joint cocktail party. There will be cocktails at the Delt house and then dancing with a dance band at SAE.

Just recently, Phi Gamma Delta had its annual graduate chapter dinner. Among the guests were Dean Johnson of the Department of Industrial Management and Jack Dalton and Gil Roddy, members of the MIT corporation. Mr. Sutherland, president of the United Fruit Company, gave a talk on the concern's interests in Central America. This Saturday Phi Gamma Delta will have its annual Pledge Formal in recognition of the year's pledge class.

Lambda Chi Alpha will be the scene of the Junior Drinking Club's party this Friday night. The party will follow the Pete Seeger concert in Kresge. Saturday night Lambda Chi Alpha will have a closed bid Paris Cafe party.

Delta Psi, the Number 6 Club, has been very active recently. Their recent semi-formal fall party was attended by over 300 people. Just before Christmas the academic egg-nog party was attended by professors from MIT, Harvard and Boston University. The fraternity has rented a cabin in Stowe, Vermont to be used extensively for skiing during the winter. As there are several foreign people in the fraternity, some of the members went home for Christmas to such places as Tokyo, Rome, Paris, London, Guatemala, Peru, Acapulco, Mexico and Gstaad, Switzerland.

The intention of this column is to publicize the social, recreational and service activities of MIT's many fraternities. This will be a weekly column.

### Harrison to Address RADP Today At 5 P.M.

Professor Theodore Harrison of the Political Science Department will address a meeting of the MIT Organization for a Rational Approach to Disarmament and Peace today concerning the role of the United States Disarmament Agency. The meeting will be held in the Miller Room, 3-070, at 5 p.m., and all students and faculty members are invited to attend.

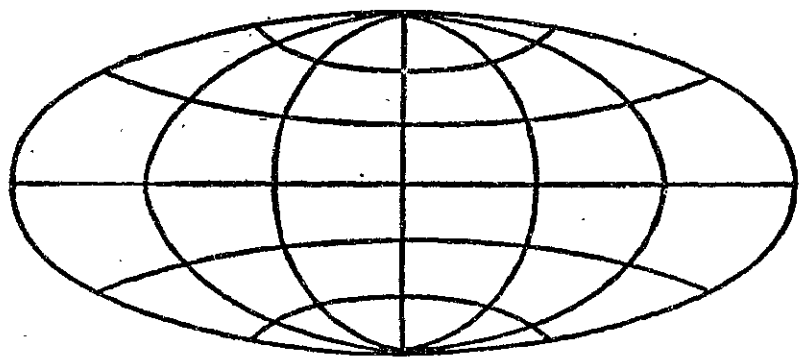
Prof. Harrison feels the Agency has been entirely ineffective to date and will consider ways in which it could be used to formulate a sound American disarmament policy. A discussion period will follow this talk.

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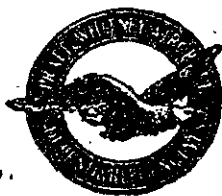
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# The Tech



Vol. LXXXI No. 28 Jan. 10, 1962

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Unsigned editorials appearing in THE TECH constitute the opinion of the newspaper's Board of Directors, and not that of MIT. The newspaper welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed. Names will be withheld upon request.

## The UAP

There was once a character whose major attributes were described as follows; he was able to keep his nose to the grindstone, his shoulder to the wheel, his feet on the floor, his ear to the ground, his eyes on the ball, while sitting on the fence, heart in mouth and tongue in cheek. The office of the MIT Undergraduate Association President, the UAP, is a job which requires the simultaneous attainment of some of the accomplishments of the above described character. There have been many UAPs at MIT who have gone a long way toward satisfying many of the requirements of their job, and there have been many who have not.

Part of the trouble has been that there are too many demands on the time of this one student who has been elected as a kind of alter ego of the student body. The UAP is first of all the presiding officer of the Institute Committee, and its guiding hand; he is the ceremonial representative of the student body as well as the official and unofficial representative to the faculty and administration at MIT. The UAP is supposed to be a major source of new ideas for MIT, and the main means by which new ideas affecting students are put into effect. He is also supposed to maintain his academic standing and the usual social life.

In the end, this student becomes bogged down in a welter of petty detail, in meetings, and in endless interviews and various other time demanding chores. The result is that the UAP, as far as most of the student body is concerned, drops out of sight for most of his term of office. Students must sometimes wonder just exactly what the UAP does or is doing, because they hear so little from him.

The current UAP, Frank Osha, whom we endorsed for the office, an action for which we have no regrets whatever, is typical of the people who work hard at the office—in almost anonymous fashion. One of the campaign promises of Mr. Osha was to improve the communications between the UAP and the student body; this has not been done. This is furthermore, one of the reasons why there are occasional mutterings about abolishing student government; most students cannot see it doing anything.

The UAP accomplishes much, and there is need for students to realize this. A large part of the responsibility rests with the office holder in letting people know what he is doing, and what he is thinking. Otherwise the integrity of the office will be undermined by the sheer ignorance of his constituents.

## Spectators

MIT will probably never be known for its athletic might, nor for fervid student support of its intercollegiate teams. When varsity football was dropped from intercollegiate competition here, MIT lost its opportunity to go the way of Georgia Tech. For a variety of reasons, MIT students have never been particularly interested in supporting the teams that do exist here in almost every sport except football. Because of time pressure, general apathy, and in large measure because loyalties here seem to run to living groups rather than to MIT as a whole, the spec-

tator turn-out at most sport events is meager at best.

Nevertheless, many sports are very strong here; the crew, soccer, lacrosse, and ski teams among others, are usually among the best in the country, and other sports come up with very good years. But even granting that some of the strongest teams on campus are not in particularly good spectator events, even the best of them rarely attract more than a handful of spectators. There have been notable, and not very well explained exceptions to this, however. Nobody has really explained why a Harvard-MIT basketball game, in what is probably New England's oldest non-existent intercollegiate rivalry, will attract an overflow crowd of highly partisan MIT students and their dates. Apparently there are untapped reservoirs of student loyalty to MIT, hitherto unsuspected.

It is probably true that the current system of residence at MIT has a tendency to displace identification with the school with identification with the particular living group. Certainly, having one group of students living in on-campus dormitories, another group in fraternities spread all over Boston, and still a third group living independently all over the Greater Boston area, makes the achievement of that very elusive and amorphous essence known by the cliché "spirit," that much more difficult to attain.

MIT has never quite achieved the meeting of minds with students that a college experience warrants, and the lack shows up in such things as athletic events. The living groups and the commuter-college legacy are part of the reason. There are other factors involved, but they are really tied up with the question of what MIT is attempting to attain with the students it brings to Cambridge, a much larger question.

Until the atmosphere has changed, the MIT athletic department will have to work very hard to attract a substantial following, as will all MIT activities of an extra-curricular nature. In the meantime, the Institute can have the satisfaction of knowing that its alumni loyalty runs deeper than affection for a football team.

## Film Taste

In the Letters to the Editor column on this page there appears a letter, somewhat more violent than necessary, taking issue with the Lecture Series Committee's taste in Hollywood films. We do not wish to add further to the persecution complex the LSC seems to have acquired recently, but the people running the organization must realize that they are operating in an arts medium, and that the arts are subject to criticism, both favorable and unfavorable.

As we have said in the past, the LSC has done an excellent job, on the whole, in the last few years in bringing first rate films and speakers to the campus. Nevertheless, we must agree with our letter writer that the quality of the Saturday night film series has deteriorated in the past couple of years. The necessity, or even perhaps desirability of showing one of the slick, simple-minded Hollywood "comedies" or melodramas once in a while is granted. But assuredly, on a week-to-week basis the quality of the films could be a lot higher than it has been this past year, and there is no doubt that more people would go to better movies.

## Christmas Cards

The Daughters of the American Revolution, that band of perpetually outraged females, has, this past Christmas season, raised its tattered banner, and, with colors flying, renewed its incessant battle against reality. The current volley from the indignant matrons was directed against the United Nations Children's Fund (UNICEF) which tries, each Christmas, to raise funds by selling greeting cards to the public. UNICEF has committed the unforgivable sin of providing medical care and food for poor children throughout the world without, apparently, asking them to sign a loyalty oath, pledge allegiance to the American flag, or promise to vote for Barry Goldwater. As if this wasn't enough to create revulsion in all right-thinking Americans, UNICEF is affiliated with that hothead of un-Americanism, the UN, which, as is well known, is composed in large part of foreigners.

Mrs. May Gaskill of Bernegat, N.J., president of the D.A.R., following in the hallowed tradition of clear-thinking characteristic of her organization, claims that the UN, by its nefarious machinations, hopes to turn Christmas into a "One-world peace festival," a plan which strikes terror into the hearts of all stalwart super-patriots.

Sales of UNICEF greeting cards increased 30% this year. Perhaps with more assistance from Mrs. Gaskill, sales will be even better next Christmas.

## Letters To The Tech

To the Editor:

The Board of Governors of the MIT Sports Car Club would like to congratulate Mr. R. Brian Strong for his letter to *The Tech* which so eloquently informed the MIT community of the "tumor" which exists in the form of the Resident Student Parking Committee. At sports car events which we organize, many traffic and parking problems arise. We have found that the only effective way to deal with violators of our traffic and safety rules is to penalize them according to a concise and pre-announced schedule of penalties. The Campus Patrol has been using these methods with marked success; the Resident Student Parking Committee does not, and its record is not an enviable one.

One of the first steps in solving the student parking problem on campus should be the dissolution of the Resident Student Parking Committee. We strongly urge an investigation of this problem.

Board of Governors  
M.I.T.S.C.G.

To the Editor:

The Lecture Series Committee has sunk to an imbecilic low with its showing of "All Hands On Deck" on January 6th. That this disgustingly infantile film was shown under the auspices of the MIT community is an insult to its intelligence.

It is interesting to note that the star of the picture, Pat Boone, was not mentioned in the silkscreens which ISC distributed about the Institute. In their mimeographed announcement of the "Entertainment Film Series" distributed at the beginning of the fall term, they made the following statement:

"ALL HANDS ON DECK—Dennis O'Keefe, Barbara Eden. A light comedy about the life and amusements of a not too typical peacetime sailor. Kresge. In Cinemascope and Color."

Again, Pat Boone's name is not mentioned. Evidently, LSC felt that his name would have discouraged the attendance of MIT people, so to fatten their treasury, they left it out. This is a deceit by those in charge crystallizing a disgust toward them which has been growing in many of us these last few years.

The showing of "The Alamo" (Frankie Avalon, among others), "Blackboard Jungle", and "Let's Make Love", to mention the worst of the trash, is utterly reprehensible

in a college community. The holding of only two lectures this term is a new low. The attempted strangulation of the Saturday night Russian dormitory films is representative of the ethics that LSC now practices.

The clique that controls this organization should by now be painfully aware of MIT public opinion. The hoots, whistles, catcalls and other invectives pelted at the screen on Saturday nights has forced them to blink the ceiling lights on many an occasion. Yet, they ignore it. It is obviously time for a change of leadership in LSC. An organization extracting so much money from the MIT community should not be allowed to stagnate. The swill that they serve us now is unfit to be seen.

Michael Lieberman '62

To the Editor:

I have just read today's (12/19) issue of *The Tech*, and although I am not in the habit of writing letters to newspaper editors, I feel compelled to comment on the startling ignorance displayed by your reporter in reviewing the MIT Choral Society's performance of Henry Purcell's *King Arthur*. Incidentally, I am not a member of the Choral Society, and in any case, do not intend to take issue with your man's "artistic" judgement.

First of all, your reviewer seems to have been distinctly disappointed that men weren't running around the stage dueling during the singing. *King Arthur* was advertised as a concert performance. If your man had gone to the trouble of finding out what "concert performance" means, he would have known that only the musical sections would be performed without the costumes, scenery or intervening dialogue.

Your reporter also seems to have been insulted that the soloists used scores (not "scripts") during the performance. This makes one wonder if he had ever attended a choral concert before. It is customary, and indeed, for many reasons, preferable that the soloists should use scores.

Not content with knocking the chorus and soloists, the reviewer goes on to complain about the small size of the orchestra. It might prove enlightening for him if he were to find out what the size of the orchestra was in Purcell's time.

Robert C. Goldstein '65

## Kibitzer

By Elwyn R. Berlekamp '62

As the new year starts off on its happy way, one cannot help but spend some time nourishing the fond memories of the year just past. Many hands were played, kibitzed and written about, but in my opinion the greatest one is shown above. It occurred at a masterpoint tournament in Boston. I must confess that I sat North, although I do not care to defend my bidding. Sitting South was our hero and perpetrator of this great swindle, Harry Elliott.

Harry opened the auction with a bid of one no trump. This is a weak bid which is generally made on a balanced hand with 12-14 points. Since he held only 11, a pass would have been strongly recommended, but it is hard to criticize any tactics that worked so well. West bid two clubs, the Landy convention, which shows partner a reasonably good hand with implied strength in the majors and a desire to compete in the auction. North's bid of three diamonds was made more on the basis of the vulnerability and the preceding bids than on

**NORTH**  
 ♠ 8 3  
 ♥ 9 2  
 ♦ K 10 8 5 2  
 ♣ 10 9 8 5

**WEST** **EAST**  
 ♠ A K J 9 6 ♠ Q 10 5  
 ♥ A Q 10 7 3 ♥ K J 8  
 ♦ Q 4 3 ♦ J 6  
 ♣ — ♣ K 6 4 3 2

**SOUTH**  
 ♠ 7 4 2  
 ♥ 6 5 4  
 ♦ A 9 7  
 ♣ A Q J 7

East-West vulnerable.  
 Bidding:  
 South West North East  
 1NT 2♣ 3♦ 3♣  
 (weak) (Landy)  
 Director! — — P  
 3NT — — All Pass  
 Opening lead: ♦3

his meager holding of cards. Normally such a jump would show a weak hand with a fair solid diamond suit at least six cards long.

Then came the bid that made the hand printable: three club by East. Poor East had obvious

(Please turn to page 5)



# Kibitzer

(Continued from Page 4)

ly been asleep and had misunderstood North's call. South promptly called the director for a ruling on this underbid. The director read the rulebook to the effect that if the bid were replaced by a bid of four clubs, no penalty would ensue. If, however, any other bid were chosen, East could remain in the auction if he so desired but his partner would be forced to pass. Fearing that a bid of four clubs might be too high, East chose to pass.

In addition to the penalty of barring his partner from the auction, the insufficient bidder also subjected his partner to certain restrictions should the opposing side get the contract and his partner be on lead. According to the ruling of the director presiding at that tournament, the penalty was that in such a case declarer would be permitted to specify which suit be led.

Given this complicated set of circumstances, Harry Elliott came forth with a very clever stratagem. He assumed that North held a six card diamond suit to the king-queen and that East must have the king of clubs. Counting on nine tricks in the minors, he bid three no trump. Poor West was forced to pass and East could find no better bid than to pass also.

A diamond lead was demanded and the contract was frigid. West could have put declarer to a tough guess by leading the queen, but he led low and South could hardly fail to do anything wrong. Dummy's eight was inserted on the first trick to force East to cover with the jack which was won by South's ace. South then took a finesse against West's diamond queen, followed by a pair of finesses against East's club king, followed by a run of diamonds and another club finesse for the contract.

Needless to say, almost every other pair in the room was making five hearts or five spades for the East-West side. A few venturesome souls were going off one trick at major suit slam contracts, and one lucky fellow bid and made six hearts from the East hand when South made the misguided opening lead of the club ace!

## 'Esthetics of Revolt'

### Vercors To Speak Today

M. Vercors, French critic and author of "Le Silence De La Mer," will speak on "The Esthetics of Revolt" today at 5 p.m. The lecture will be given in the Hayden Library Lounge. The program is being presented jointly by the Course XXI Society, the Department of Humanities and the Department of Modern Languages.

Jean Bruller was born in Paris in 1902. A mechanical engineer by training, he soon published a good many albums of drawings and etchings. He became well known as an illustrator of children's books.

During the Second World War, with Pierre de Lescure and Yvonne Desvignes, he founded the famous clandestine "Editions de Minuit," which was to publish, among many works by already acknowledged authors, his own "Le Silence De La Mer" and "La Marche a l'Etoile." At once, Vercors—a pseudonym chosen because it symbolized the spirit of resistance against oppression—was acclaimed as a writer in the best French tradition of humanity and artistry. Most of his more recent books confirm the earlier impression: here is a writer of universal appeal, a warm and genial man, a Frenchman who grapples with many of the urgent problems of the world.



Vercors

Vercors, who was President of the Congress of French Writers for four years, first came to the United States in 1946. Since then, he has traveled to Yugoslavia, to Russia (where he frankly and earnestly pleaded for the Hungarian writers persecuted after the 1956 uprising), and to China.

Vercors is also responsible for the invention of "callichromie," a process by which pictures are reproduced with a hitherto unknown degree of color precision.

### Smith Emphasizes 'Complete Person'

(Continued from Page 1)

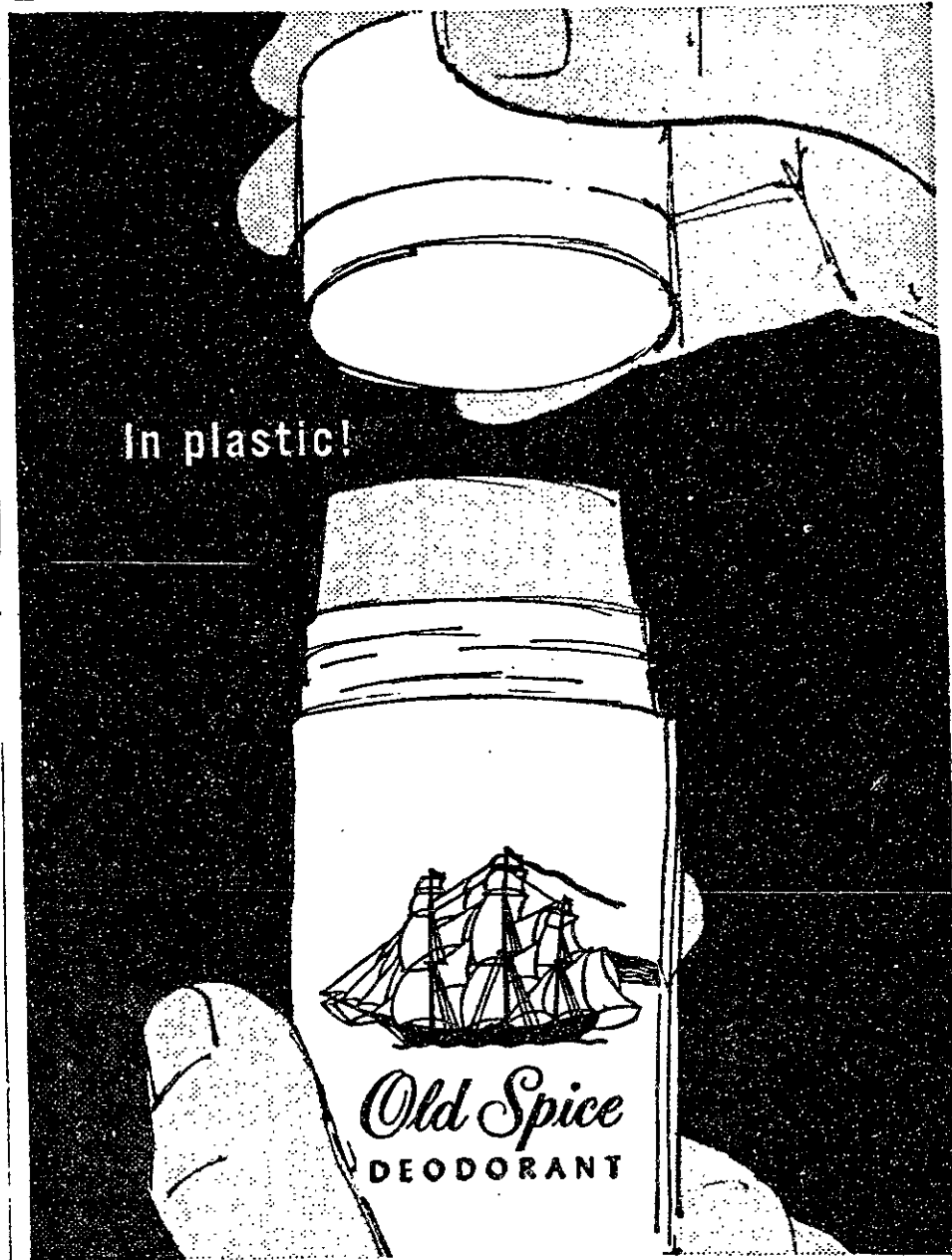
such things, and they soon realized that, to the Indians, this material was religious, not obscene. Hence the law was changed to read, 'No obscene literature may be sent through the mails (unless it be religious).'

Prof. Smith summed up his teaching as follows: "Our job is to get man and science back together again. The students must realize that the final challenge of education is to grow into complete persons with special skills, rather than specialists who are in some respects persons."

Dr. Smith is especially pleased with his position at MIT because of the challenge it offers in this field. "When I first came here I knew that the students would be bright; what I didn't know was whether they would be interested in the things that interest me. They are."

"One year when I announced routinely (I thought) that a metaphysics course would not meet the following week because the class day fell on Washington's Birthday, an Institute holiday, the students asked if that meant they could not meet on that day; and ended up voting 32-2 to do so."

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## ART MUSEUM TO RUN VARIED FILM PROGRAM

A very active, but until recently, little heralded activity of the Museum of Fine Arts is its varied film program for the public. What started over six years ago as several art films shown during the season has developed into a full program of comedies, classic westerns, award-winning features and serious art films.

The Museum's program this year is again presented in two series: the first, the art films shown in conjunction with current exhibitions; the second, eight programs of fiction films on one Saturday and Sunday of each month, through May.

This year's feature film series—a brief survey of "Forty Years of American Film Comedy"—gives film-goers a rare treat of the classic comedy from 1916-1950's.

The series began in December with such comedy greats as Charlie Chaplin, the Keystone Cops, and Laurel and Hardy. The next presentation will be the fantastic and exciting dream world of the Marx Brothers in "A Night at the Opera" from 1935; it will be shown on January 13 and 14.

Carole Lombard will be seen on February 3-4 in the 'screw-

ball' 1937 comedy, "Nothing Sacred". Director Frank Capra's "Mr. Smith Goes To Washington" won the 1939 Academy Award for the most original story of the year; this 'message' comedy will be shown on March 10-11. Three outstanding, sardonic films of Robert Benchley ("The Witness", "How To Take a Vacation" and "Keeping In Shape") will be shown April 28-29; also three Walt Disney cartoons in color will be shown on those dates ("Clock Cleaners, 1935; "The Band Concert", 1937; "Gerald McBoing Boing", 1950.) Last in the comedy series will be a Danny Kaye film in May.

The current art film series is in connection with the "Chinese National Treasures" exhibition. "Out of A Chinese Painting Brush", "Painting the Chinese Landscape" and "A City of Cathay" are all in color and bring to life the great painting achievements of China.

During "The Civil War: The Artist's Record" exhibition in February, several unusual and compelling films about the 1864 crisis will be shown. The March and April film showing will be in connection with the Van Gogh exhibition and present interesting high lights of that artist's life and work.

The art films are shown several times a week during the exhibition they are in connection with; contact the Museum of Fine Arts for exact times. The comedy series is shown at 2:30 p.m. in the Lecture Hall on the days mentioned above.

## Poet's Theater Offers Biographical Play Of French Poet Corbiere

The Poets' Theatre announces a major production of *The Yellow Loves*, a new play by Howard Sackler, well known Shakespeare recording director for Caedmon Records. The play is based on the life of Tristan Corbiere, who occupied a central position in modern French poetry, although only 29 at the time of his death. Rated as the Francois Villon of the 19th Century, Corbiere contrasted sharply both with Beaudelaire and with Hugo. His major work, *The Yellow Loves* (a title which Sackler also uses) was a plea for realism and man's integrity.

Howard Sackler, in his play, has successfully captured the emotional excesses of the age and employs this as a dramatic backdrop for the tempestuous romance of Corbiere and his actress-friend.

The play, which will be presented at the Loeb Drama Center on February 1, 2, 3, 8, 9, and 10, is being directed by George E. Serries.

On February 25, as a fundraiser, the Poet's Theater shall present *A Visit with Jules Feiffer and his Characters*. Mr. Feiffer will speak, and we shall present premieres of *CRAWLING A R N O L D*, *BOOM*, and a group of new skits which will later be presented in New York.

M. A. Greenhill presents

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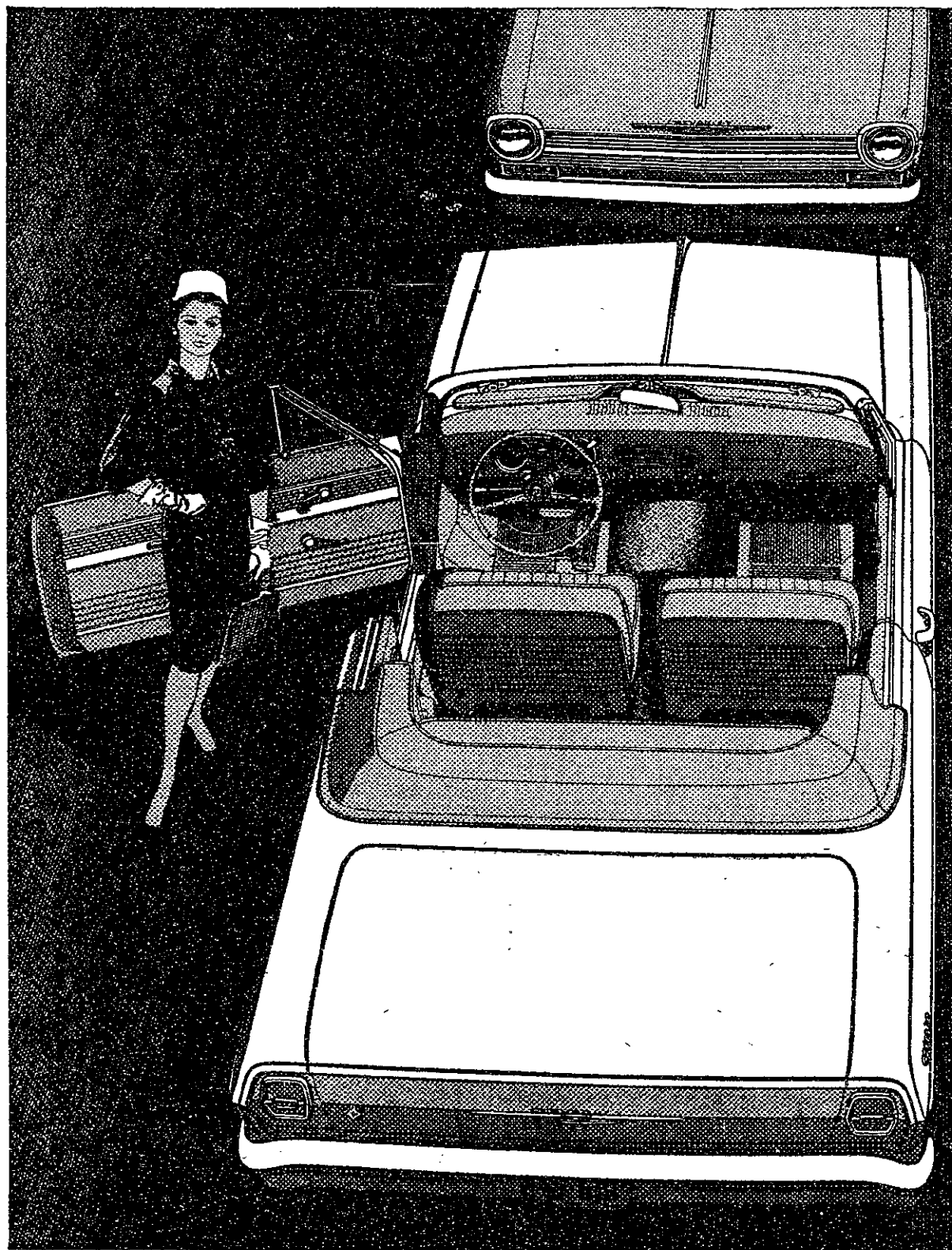
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Peter & The Wolf  
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Grand Pas, Moon Reindeer,  
Black Swan, Gala Performance  
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Mezz. \$3.75  
Bal. \$3.50, 2.50, 2.00

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## Entertainment-wise

## 'Eurydice' To Be Modernization Of Greek Legend

The MIT Community Players production of "Eurydice" by Jean Anouilh will be given January 18-20 and 25-27 at Kresge Little Theater.

The play is a modern version of the Orpheus-Eurydice legend and concerns two lovers in an alien world. The three-act play is set in modern France. Opening night, Jan. 18, will be a benefit performance for WGBH. A reception will follow the performance with members of the WGBH staff in attendance. Tickets for all performances may be purchased in Bldg. 10, between 12 noon and 2 p.m.

Martha Schlamme, famous for her songs of many lands, will be heard at Jordan Hall on Saturday, Jan. 13th, at 8:30 p.m. Martha Schlamme has a vast knowledge of languages and an artistic and vivid manner of presentation. She has performed all over the world in concert and on television. Tickets are now available at the Jordan Hall box-office.

The world-famous pianist Alexander Brailowsky will play at Symphony Hall on Sunday, Jan. 14, at 3:00 p.m.

Brailowsky is returning from

a triumphant tour of foreign capitals. He is acknowledged the incomparable interpreter of Chopin, Liszt and other masters of the Romantic period. He has delighted audiences with his poetic interpretations of these as well as Classical and modern composers. Tickets for the concert at the Symphony Hall boxoffice.

The Isabella Stewart Gardner Museum is presenting the Gabrielli Trio this Sunday, Jan. 14, at 3 p.m.

Warren Wiscombe, '64

Piet Kee Presents  
Distinguished Recital  
On Kresge Organ

In the second half of its series of organ concerts, the MIT Humanities Department presented Piet Kee, a reknowned young Dutch organist, on December 6, at Kresge Auditorium. The audience, whose interest and appreciation is always high, was also quite numerous.

Dr. Kee plays excellently. His sense of rhythm is truly a marvel; the clarity of his playing, as a result, is excellent. He was understandably unfamiliar with the Kresge console, and was aided by Allen-Langford, '62.

The program presented some problems, as does programming any organ concert. Several pieces, especially the Echo by Scronx (1600) and Les Bergers by Messiaen (k.b. 1906) were of doubtful value as concert works. Their musical content, or its lack, was exposed starkly by the "king of instruments," which treated them with brutal frankness. This lack had nothing to do with Dr. Kee's playing ability. It came to us despite fine renditions.

On the other hand, the Buxtehude Passacaglia, Sweetlinck's Variations on "Balletto del Granducco," the Bach Prelude and Fugue in E Flat (the St. Anne), and Max Reger's Prelude in D min. opus 65, towered over the rest of the program like the giants they are.

To each one Piet Kee gave a distinctive touch; the clarity of line in the Passacaglia; the retention of the outline of the theme in the Variations; the great precision of the Prelude and Fugue; and the excellent use of registration in the Reger Prelude.

The finale of the concert was an improvisation by Dr. Kee on a theme by Professor Klaus Liepmann. One must marvel at the ability to think on or with one's feet that such a feat requires, but one also regrets that keyboard technique gives rise to a set of interchangeable "bits" which can be joined together in almost any fashion and sound like music. This improvisation displayed great skill, but a lack of really inventive or original expression.

The encore, Bach's "Ich ruf zu dir" was sweetly austere and moving, and served to reinforce the pleasure of hearing the other choral-prelude on the program, Reger's "Aus tierer Not." With this benediction reminding us of the great things we had heard, we left the auditorium in a pleased, rested frame of mind.

Haddonius J., '63

## PIONEERING

Somewhere out there, beyond the realm of man's present understanding, lies an idea. A concept. A truth.

Gradually, as it comes under the concentration of disciplined minds, it will become clear, refined, mastered. This is the lonely art of pioneering.

In the Bell System, pioneering often results in major breakthroughs. Planning the use of satellites as vehicles for world-wide communications is one. Another is the Optical Gas Maser, an invention which may allow a controlled beam of light to carry vast numbers of telephone calls, TV shows, and data messages.

Breakthroughs like these will one day bring exciting new telephone and communications service to you. The responsibility of providing these services will be in the hands of the people who work for your local telephone company. Among them are the engineering, administrative and operations personnel who make your telephone service the finest in the world.



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# 100 More Applicants, New Topics Show Seminar Growth

Next term an expanded Undergraduate Seminar program will be offered to freshmen as a result of increased interest on the part of both students and professors. About 100 additional applicants for seminars are expected, according to a poll conducted by the Undergraduate Seminar Committee in freshmen physics lectures Dec. 14. To accommodate them, many new professors have been

invited to participate in the second term program, so that a number of new seminars will be offered.

**More Humanities Seminars**  
"French Civilization as Reflected in the Arts," a new seminar to be led by Dean Burchard of the Department of Humanities, and "American Folk Songs and Ballads," to be given by Prof. Theodore Wood, also of the Humanities Depart-

ment, are evidence of student interest in more humanities seminars.

Dean Burchard's group will consider 20 lectures concerning painting, sculpture, textiles, ceramics, architecture, and other art objects characteristic of the various periods in the development of French civilization. The lectures will be supplemented by slides prepared in Paris using new photographic processes.

Wood's seminar will study the whole range of American folk songs and ballads as music, literature and social history, and will also consider such topics as the techniques of folk song collecting and the use of folk music by American composers. Needless to say, Prof. Wood's guitar will be often used for illustrative purposes.

**Current Research Featured**  
Besides the humanities, much interest has been shown in seminars dealing in the basic sciences and mathematics. Next term's new offerings will include "Photochemistry" (Prof. Heidt, Chemistry); "The Physics of Metals" (Profs. Cochran and Holden, Physics); "Combustion and Propulsion" (Prof. Toong, Mechanical Engineering); and probably several other seminars concerning current basic research problems. Another new seminar, to be led by Prof. Douglas A. Adams of the Department of Mechanical Engineering, will be "Engineering—A Foundation for Responsible Citizenship." The members will discuss the obligations of the engineer beyond his immediate tasks and the potentialities of his role in society.

**Some Continue Unchanged**  
Some of the first term's seminars have been so successful and stimulating that both the students and the professors want to continue working together next term. In many of the seminars involving laboratory work, such continuation is essential to the completion of studies started this term. Although this fact will narrow the choice of seminars available to new applicants, there should be enough new topics offered to allow all interested students to participate.

Freshmen can obtain a partial listing of seminars available for the spring term and information concerning the application procedure when they consult with their faculty advisors this month. A full listing will be distributed to them by registration day, Feb. 5. All students currently in the program who wish to continue with the same or a different seminar must re-apply on the same basis as new applicants.

**Unique Educational Experience**  
In addition to the poll of the freshman class, a survey was conducted by members of the Student Committee on Educational Policy among many of the seminar participants, a group which includes roughly 230 students and 40 professors at present. The survey showed a generally favorable and enthusiastic response to the program, but also some relatively minor problems such as characterize any academic innovation.

The main purpose of the seminars has been to provide students an educational experience different from that of the classroom: one involving close contact with a faculty member, with exposure to his personal outlook on his own field and his method of attacking problems in that field. In this regard the seminars seem to be quite successful so far.

**Genuine Interest Sought**  
In addition, the program was designed in the hope that it would generate real interest in the subject concerned instead of cramming by students to simply digest a certain set

amount of material. In the long run, a genuine interest would probably promote more learning and a better understanding of the topic, and will certainly make learning more enjoyable for all concerned. This goal has also been achieved according to nearly all of the students surveyed, and many of them report that even in the short run they are learning a great deal as well as enjoying the experience provided by the seminars.

One of the problems noted by the seminar professors has been in getting down to the level of freshmen. A number of them had previously mainly taught graduate students, and therefore had to adjust their entire method of approach to the subject. Another weakness is that some professors have taken on the program without realizing that it requires as much preparation on their part as any other six hour course. Since many professors engaged in active research and/or administrative problems cannot spare the necessary time to prepare for seminars, they have not been fully effective in some cases.

## Many Unanswered Questions

Some questions have been raised concerning seminars by the first term's experience, which will probably not be fully explored until the end of the year when the Undergraduate Seminar Committee will submit a formal report on the program. For example, should there be new professors every year or even every term, thus allowing more of them to have this very valuable experience? Should professors who take on seminars be relieved of other duties, so that they may devote the necessary time to preparation for a really effective seminar?

Also, should the seminar application system (which currently involves submitting a letter to the committee stating one's preference and relevant interests and preparation) be changed? If so, should the professor in charge of each seminar retain the major role in determining who and how many will be accepted?

**All Suggestions Invited**  
These questions and others will be discussed by the Undergraduate Seminar Committee.  
(Please turn to page 9)



## RING IN THE NEW

Are you still writing "1961" on your papers and letters? I'll bet you are, you scamps! But I am not one to be harsh with those who forget we are in a new year, for I myself have long been guilty of the same lapse. In fact, in my senior year at college, I wrote 1873 on my papers until nearly November of 1874! (It turned out, incidentally, not to be such a serious error because, as we all know, 1874 was later repealed by President Chester A. Arthur in a fit of pique over the Black Tom Explosion. And, as we all know, Mr. Arthur later came to regret his hasty action. Who does not recall that famous meeting between Mr. Arthur and Louis Napoleon when Mr. Arthur said, "Lou, I wish I hadn't of repealed 1874." Whereupon the French emperor made his immortal rejoinder, "*Tipi que nous et tyler tu.*" Well sir, they had many a good laugh about that, as you can imagine.)

But I digress. How can we remember to write 1962 on our papers and letters? Well sir, the best way is to find something memorable about 1962, something unique to fix it firmly in your mind. Happily, this is very simple because, as we all know, 1962 is the first year in history that is divisible by 2, by 4, and by 7. Take a pencil and try it: 1962 divided by 2 is 981; 1962 divided by 4 is 490-1/2; 1962 divided by 7 is 280-2/7. This mathematical curiosity will not occur again until the year 2079, but we will all be so busy then celebrating the Chester A. Arthur



bi-centenary that we will scarcely have time to be writing papers and letters and like that.

Another clever little trick to fix the year 1962 in your mind is to remember that 1962 spelled backwards is 2691. "Year" spelled backwards is "raey." "Marlboro" spelled backwards is "oroblrām." Marlboro smoked backwards is no fun at all. Kindly do not light the filter. What you do is put the filter end in your lips, then light the tobacco end, then draw, and then find out what pleasure, what joy, what rapture serene it is to smoke the filter cigarette with the unfiltered taste. In 1962, as in once and future years, you'll get a lot to like in a Marlboro—available in soft pack and flip-top box in all 50 states and Duluth.

But I digress. We were speaking of the memorable aspects of 1962 and high among them, of course, is the fact that in 1962 the entire House of Representatives stands for election. There will, no doubt, be many lively and interesting contests, but none, I'll wager, quite so lively and interesting as the one in my own district where the leading candidate is none other than Chester A. Arthur!

Mr. Arthur, incidentally, is not the first ex-president to come out of retirement and run for the House of Representatives. John Quincy Adams was the first. Mr. Adams also holds another distinction: he was the first son of a president ever to serve as president. It is true that Martin Van Buren's son, Walter "Blinky" Van Buren, was at one time offered the nomination for the presidency, but he, alas, had already accepted a bid to become Mad Ludwig of Bavaria. James K. Polk's son, on the other hand, became Salmon P. Chase. Millard Fillmore's son went into air conditioning. This later was known as the Missouri Compromise.

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## College World

### Sealed Instructions Send Students On Early Morning Secret Mission

Two hundred thirty-three and one-half hours. That's a long time to talk on the telephone, but it's also the length of the "talkathon" at the University of Michigan. Apparently the men of the West Quadrangle and the women of Mary Markley Hall felt that 233½ hours was a long time to talk, too, for after that length of time—at 5:55 a.m. on a Tuesday morning—some anonymous dorm resident put the phone back on the hook and thus ended what The Michigan Daily terms the longest free telephone call in the university's history.

#### State Retains Record

Although no one knows, or will reveal, who ended the talkathon, a note left in the phone booth said, "The talkathon has ended. Lack of support on both sides."

The talkathon was started in an attempt to surpass the talkathon then in progress at Michigan State. No mention was made of this in The Daily's article so presumably the record is still held by Michigan State.

The telephone has other purposes than talkathons, as the brothers of a University of Pennsylvania fraternity were to find out. One evening at 10 o'clock the phone rang. As one fraternity brother placed the receiver to his ear he heard a series of words and numbers which to him sounded like altimeter readings or a ship-to-shore phone call.

#### Frat Gets SAC

Almost immediately afterward the telephone rang again. The caller identified himself as the chief Air Force security officer at Philadelphia International Airport and then informed the fraternity that two Strategic Air Command phone lines had been cut and that their telephone had accidentally been connected to the only operative SAC communications unit in eastern North America. The two brothers who had answered the phone were then ordered to remain by the telephone and await further instructions from the Air Force or the FBI.

At about 4:30 a.m. the phone rang again and the two fraternity brothers were informed that a taxicab would pick them up in 20 minutes. The cab driver presented them with sealed

instructions. The first envelope instructed them to proceed to the railroad station, avoiding any contact with strangers. Waiting for the students at the station were two tickets to Washington!

#### Questioned for Six Hours

The second envelope, to be opened only in Washington, instructed the students to go directly to the Pentagon. When they got to the Pentagon, however, no one seemed to know anything about the incident. The students were questioned for six hours, but Pentagon officials disclaimed any knowledge of the phone calls and later instructions.

Subsequent investigation has led to the theory that another fraternity may have pulled off a hoax by crossing telephone wires between the two houses.

#### The Lampoon Sings

The Harvard Lampoon seems to be going into fields other than writing humor magazines. The Lampoon has come out with a record album entitled "The Harvard Lampoon Tabernacle Choir Sings at Leningrad

Stadium." Among the choir's selections are such favorites as "My Fallout Filly with the Atomic Kiss," "I'm Losing Irv to the Ready Reserve," and "The Harvard Coop, boop-boop, boop-boop." At last check the Coop was not carrying this record. If you want to buy the album you will probably have to buy it directly from The Lampoon.

#### Who Is He

Do you know who Dean Rusk is? "Who doesn't know?" you ask. Of the upperclass girls at Converse College, Spartanburg, South Carolina, 57 per cent missed this question on a recent current events identification quiz. Harold Macmillan was missed by 34 per cent and Barry Goldwater by 27 per cent. Werner Von Braun was missed by a huge 85 per cent, most of whom identified him as the "prime minister of Germany." No one knew who David Susskind is, and only one person got J. Paul Getty; but everyone correctly identified Emily Post, John the Baptist, and Scarlet O'Hara.

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### Freshman Seminars Lure More Applicants

(Continued from page 8)

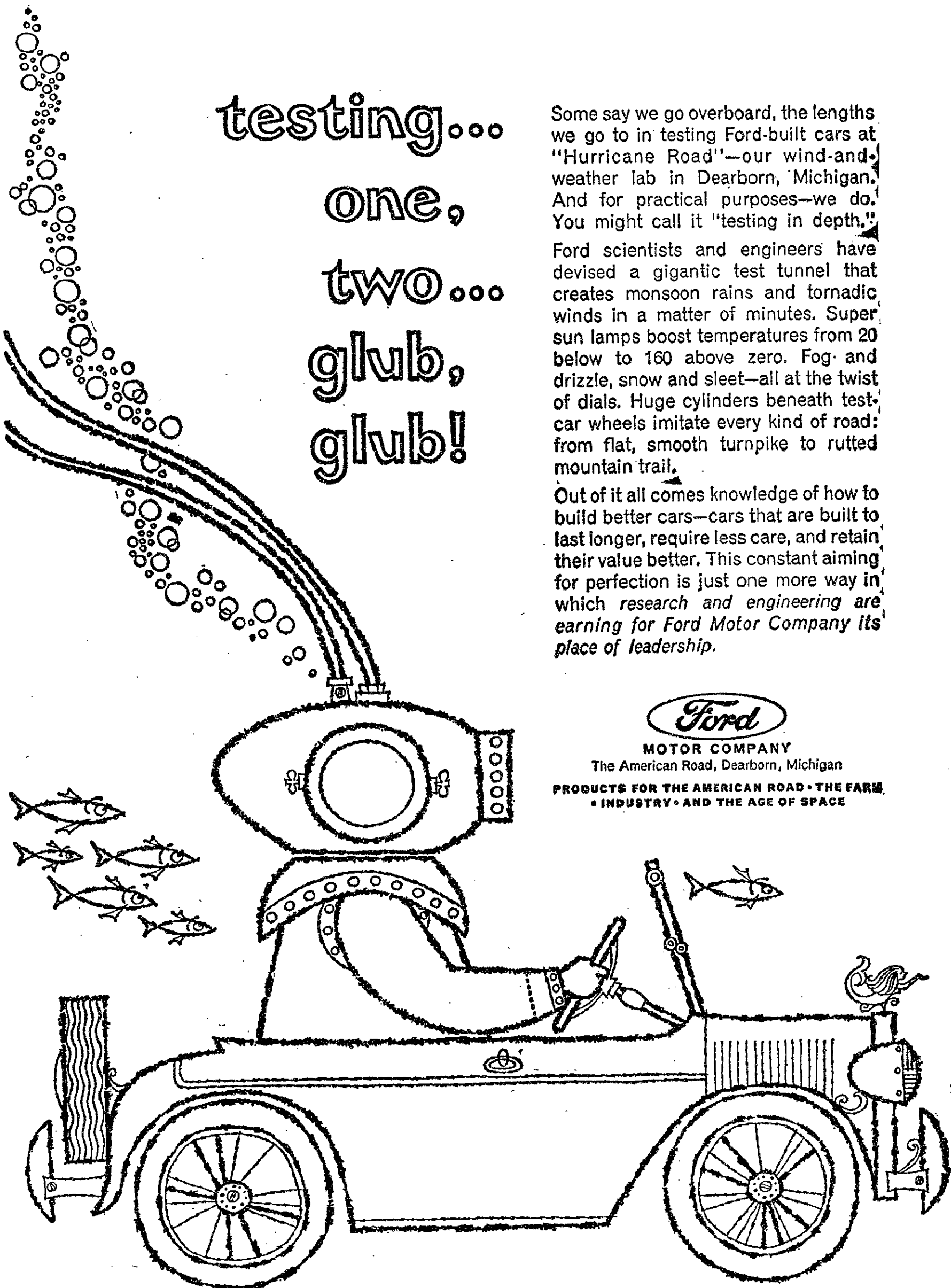
graduate Seminar Committee and SCEP, its parent body, during the coming term. Because the most important factor in reaching a decision will be the attitudes of all involved in the program, the committee is seeking as much student and faculty opinion on the subject as it can get. Therefore, anyone with any complaints or suggestions concerning seminars is asked to contact Dick Stein, chairman of SCEP, or any of the committee members.

The Undergraduate Seminar Program was originally started on a one year experimental basis.

### Political Scientists Will Meet Today

The Political Science Section is holding a meeting for sophomores and juniors contemplating majoring in Political Science, and for juniors already majoring in it, to discuss curriculum requirements, graduate schools, and other matters they wish to bring up.

The meeting will be held this afternoon, Jan. 10 at 5:00 in Room 14N-2251, the Graduate Lounge.



# Tonight: Icemen Meet Amherst At 7:00

Phenomenal goaltending by Tim O'Brien '62, for the third consecutive game, brightened an otherwise bad day as the MIT icemen were overpowered at Colgate, 8-1, last Saturday. The Techmen are expected to do much better tonight in a home contest with Amherst, beginning at 7:00.

Tech and Amherst have long been closely-matched rivals; four years ago Amherst built a powerhouse which drubbed the Engineers badly three years running, but last year MIT rapped Amherst, 7-2. Early-season estimates favor Tech again this year.

At Colgate, MIT played well in the first and third periods, but dissolved in the middle session, allowing six goals. A very strong Colgate defense limited the Beavers to only 13 total shots; Jim Holcroft '63 lofted a 40-footer into the opponent's net midway in the second period to give MIT its only point.

## Colgate Power Play

The scoring opened after only one minute of the second period, with MIT down a man on penalty; a Colgate power play netted a rebound after goalie O'Brien made seven saves in quick succession.

Five minutes later a puck sliding along the boards behind

the MIT goal took a bad bounce and suddenly turned up in the goal crease, taking the Techmen by surprise; Bill Johnson of Colgate tipped in the loose disc. A third Colgate score followed before Holcroft's blast brought the count to 3-1.

## Colgate Uses "Floater"

Throughout the game, Colgate made very effective use of the "floater"—a wing stationed near the red line while they were on defense, waiting for a pass and a fast break toward the MIT net. To counteract this, Tech was forced to drop one defenseman back, thus making it easier for Colgate to break up any offensive pressure by MIT.

Late in the second period, with the Engineers pressing hard to get back in the game, Colgate got several breakaways; O'Brien miraculously stopped four of these, but three others found their targets, and Colgate left the ice with a 6-1 margin.

In desperation, Coach Ben Martin shook up his lines in the third period, in the hope of concentrating power in a line of Steve Levy '62, John Rupert '62, and Mike Denny '63. This proved to be of no avail, as Colgate's tight defensive play held MIT to four shots on their net. Colgate added two more tallies in this period, one on a scramble near the net, and the

other with less than a minute left on a breakaway.

BOX SCORE			
MIT	0	1	0-1
Colgate	0	6	2-8

FIRST PERIOD: PENALTIES: COLGATE: Blad (tripping) 10:37. MIT: McMillan (holding) 8:23. Denny (tripping) 12:10. Sheahan (elbowing) 19:23.	
SECOND PERIOD: GOALS: COLGATE: Rappole (Stevenson, Gurney) 1:04. Johnson (Kerr) 8:10. Kelley (Von Zuben (unassisted) 18:01. Blad (unassisted) 18:34. MIT: Holcroft (Levy) 11:45. PENALTIES: COLGATE: Petri (offensive-zone checking) 5:14. Quackenbos (holding) 14:35. MIT: Berlandi (offensive-zone checking) 12:10.	
THIRD PERIOD: GOALS: COLGATE: Spencer (Petri, Johnson) 9:59. Gurney (Quackenbos) 19:01. PENALTIES: COLGATE: Gurney (offensive-zone checking) 1:47. Gurney (elbowing) 6:14. Gurney (offensive-zone checking) 14:38. Kerr (tripping) 18:09. MIT: McMillan (interference) 5:45. Denny (tripping) 7:08. Salmon (tripping) 8:33. McMillan (tripping) 12:51.	
GOALTENDER'S SAVES	
O'Brien (MIT)	15 14 12-41
Connely (Colgate)	3 5 1-9
Brown (Colgate)	3-3

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Turbine Operation	.....	3
Mechanical Maintenance	.....	3
Yard	.....	1
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Inspection of Company Generating Stations	.....	1
General Office	.....	1
Electric Distribution Department	.....	28
Line Department	.....	5
Meter Department	.....	2
Service Engineer	.....	4
Substation Operation and Maintenance	.....	2
Service Dispatcher and Troubleshooter	.....	2
Office and Storeroom	.....	2
General Office	.....	1
Transmission and Distribution Engineer (Transmission, Distribution, Substation)	.....	3
Electric System Planning and Development Department	.....	22
Distribution Department, and System Planning and Development Department	.....	1
Selected Assignments (either or both departments)	.....	4
General Office Lectures (both departments)	.....	1
Commercial Operations Department	.....	1
Commercial Service Department—C.O.	.....	1
Industrial and Commercial—Architect	.....	1
Builder and Dealer—Heating and Air Conditioning Representatives	.....	2
Electric Engineering Department	.....	ME's EE's
Mechanical Engineering Division	.....	5 4
Electrical Engineering Division	.....	4 4
Structural Engineering Division	.....	2 2
Construction Division	.....	1 13
Vacation	.....	2
Unscheduled (Miscellaneous Assignments)	.....	4
Total	.....	82

## Fencers Top Brandeis As Mason, Weil Romp

MIT's fencing team scored a significant victory last Saturday, beating the Brandeis fencers, 16-11, in a well-fought match. The sabre team did exceptionally well; out of nine bouts, Brandeis was able to score only two wins. Bob Mason, '63, equalled his earlier performance against Harvard by sweeping all three of his sabre bouts, and Al Weil, '63, turned in a similar performance.

The foil team, usually strong, did not do as well as expected; all four of the fencers lost one bout apiece. Dave Wakeman, '62, and Ralph Zimmerman, '64, gave excellent performances on their remaining bouts; Wakeman had no touches scored against him in two bouts and Zimmerman had only one touch on him in each of two bouts. Final score in foils was 5-4, for MIT. The epee team, often Tech's strongest group, was not in its best form, losing 4-5 against good competition.

On Sunday, the Amateur Fencers League of America held an unclassified competition in sabre and foil that several of the MIT fencers entered. Zimmerman took first place in foils; Steve Reznick, '63, took second in sabre; and Doug Cassel, '62, and Al Weil took fourth and fifth respectively, in sabre.

## On Deck

Today, January 10  
Hockey — with Amherst rink, F at 4:00, V at 7:00.  
Swimming — at Wesleyan, (V & F).  
Track — with Tufts, cage, 6:00 (V & F).  
Wrestling — at Brown (V).  
Frosh Basketball — with Andover, cage, 3:00.  
Friday, January 12  
Squash — at Amherst.  
Saturday, January 13  
Basketball — with Trinity, cage, F at 6:30; V at 8:15.  
Fencing (V) — at Trinity.  
Hockey (V) — with Uni. of Pennsylvania, rink, 7:00.  
Rifle — at Dartmouth.  
Squash — at Williams.  
Track — in Knights of Columbus Meet, Boston Garden, 6:00 (V & F).  
Frosh Hockey — with Governor Dummer Academy, rink, 3:00.  
Frosh Squash — with Exeter, duPont, 3:00.  
Frosh Swimming — with Exeter, pool, 3:00.



Bill gains experience in conference leading, an essential management skill.

Bill discusses the plans for the construction of a new computer-operated generator unit.

He studies the magnitude of short-circuit current under certain electrical fault conditions.

Visiting equipment supplier Bill and his cadet group inspect Company equipment prior to delivery.

Bill works on the design of an underground cable installation.

Near the end of his training program, Bill gives his preference for a permanent assignment.

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## IM Hockey Races Tighten

Intramural hockey teams swung back into action last week with Sigma Alpha Epsilon upsetting Theta Delta Chi and Grad House rolling over Theta Chi in a warm-up for its upcoming battle with the Fijis. It now appears that a real tussle is in the offing for top honors in both major leagues.

Grad House should have its hands full when it meets the Fijis next Sunday for the league championship. Both teams are undefeated to date and have been strong in each of their outings.

SAE pulled the upset of the year by dumping a strong Theta Delta Chi A, 2-0, thus gaining a first place tie with them. Credit for this win goes almost entirely to Joe Kirk '64. Kirk, who transferred from the University of Colorado and is ineligible for varsity, made over thirty saves goaltending and turned in one of the finest performances ever seen in intramural action.

In the minor league, Lambda Chi Alpha strengthened its lead in league IV by topping Alpha Epsilon Pi and East Campus, 3-0 and 2-0 respectively. In league V, Burton House took

first place away from Tau Epsilon Phi by smashing Phi Kappa Theta, 4-1. In other activity, Chi Phi defeated Pi Lambda Phi, and Theta Delta Chi B edged AEPi in a close contest.

## IM HOCKEY STANDINGS

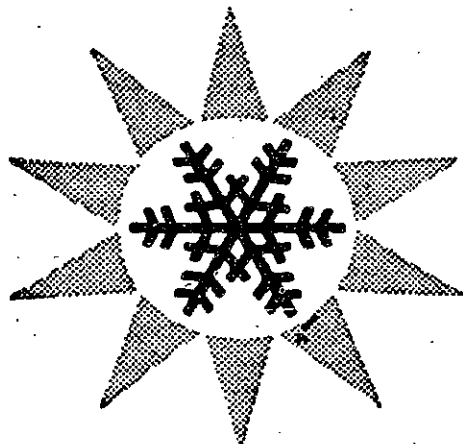
Team	League I	W	L	T
Grad House	3	0	0	0
Fijis	2	0	0	0
Theta Chi	1	2	0	0
Phi Mu Delta	0	2	0	0
Senior House	0	2	0	0
League II				
Sigma Alpha Epsilon	2	1	0	0
Theta Delta Chi 'A'	2	1	0	0
Sigma Phi Epsilon	1	1	0	0
NLSA	1	1	0	0
Sigma Nu	0	2	0	0
League III				
Sigma Chi	2	0	0	0
Baker House	2	1	0	0
Chi Phi	1	1	0	0
Delta Upsilon	0	1	0	0
Pi Lambda Phi	0	2	0	0
League IV				
Lambda Chi Alpha	3	0	0	0
Delta Psi	1	0	1	0
East Campus	1	1	1	0
Theta Delta Chi 'B'	1	1	0	0
Alpha Epsilon Pi	0	4	0	0
League V				
Burton House	2	0	1	0
Tau Epsilon Phi	2	1	0	0
Kappa Sigma	0	1	1	0
Phi Kappa Theta	0	2	0	0

## WEEK'S RESULTS

League I	
Grad House 4, Theta Chi 2	
League II	
Theta Delta Chi 'A' 3, Sigma Nu 0 (f)	
Sigma Alpha Epsilon 2, Theta Delta Chi 'A' 0	
League III	
Chi Phi 4, Pi Lambda Phi 2	
League IV	
Lambda Chi Alpha 3, Alpha Epsilon Pi 0 (f)	
Theta Delta Chi 'B' 1, Alpha Epsilon Pi 0	
Lambda Chi Alpha 2, East Campus 0	
League V	
Burton House 4, Phi Kappa Theta 1	

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## Meet The

Jed



Engeler

## Captains

By Charlie Smith '63

or and plans to go on to medical school, probably at the University of Indiana.

Engeler, a member of Sigma Chi fraternity, is an avid sports enthusiast who likes to participate in any branch of athletics. In addition to swimming on MIT teams, he was out for crew during his freshman and sophomore years. He feels this interest will remain with him years after he has left school.

Our swimming captain has always enjoyed swimming; no matter whether it is goofing around during the summer of in active competition. In fact, it was just leisurely swimming which developed Jed's interest and helped him decide to try out for the MIT squad.

Jed is very enthusiastic about this year's team. He feels that the won and lost record compiled by the team will be no indication of its true talent. Figuring on a better team this

year, MIT has scheduled some rougher teams for its dual meets.

He added that the team has excellent depth with two good men swimming in every event; this is a new experience for MIT swim squads. Jed likes it that way because it pushes even the best swimmers to a greater effort. To sum up, Jed says, "I feel that MIT does quite well in swimming when you consider that we only have twenty men on the squad. Teams such as Indiana have well over fifty."

Engeler is looking forward especially to the New England tournament in March. He was hesitant about MIT's chance but figures to place in the top two or three. This tournament is made up of all teams in New England with the exception of Harvard, Dartmouth, and Yale. Brown, he concludes, should have the class to run off with the championship but Springfield and MIT will be close behind.

## Baker Ahead 10 As Title Clinched

With three-quarters of the Intramural Bowling season gone, Baker A is virtually certain of winning the championship. After six weeks of tenpin bowling, Baker A boasts a lead of 10 Peterson points (one point equals 50 pins) over their nearest opponent, Senior House A. Baker A need only show up for their remaining matches to win the title.

Burton II is battling Senior A for second place, and fourth place is in doubt, with Sig Ep A, Phi Kappa Theta A, and Club Latino battling it out.

## IM BOWLING STANDINGS

Baker "A"	197.28
Senior House "A"	187.14
Burton II	186.02
Sigma Phi Epsilon "A"	181.42
Phi Kappa Theta I	180.70
Club Latino	179.14
Sigma Alpha Epsilon "A"	175.90
Lambda Chi Alpha	175.66
Pi Lambda Phi	174.78
Kappa Sigma	174.16
Burton I	172.72
NRSA "A"	170.34
Grad House	169.21
Alpha Tau Omega	168.10
East Campus II	167.00
Delta Kappa Epsilon	161.76
Burton III	161.46
Grad House Dining	161.44
Walker Dining Staff	161.32
Theta Delta Chi	160.24



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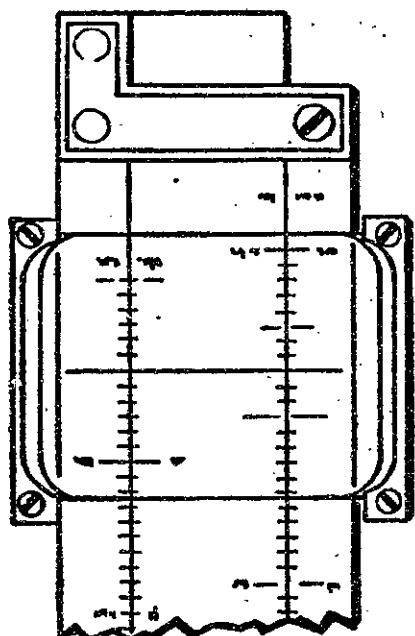
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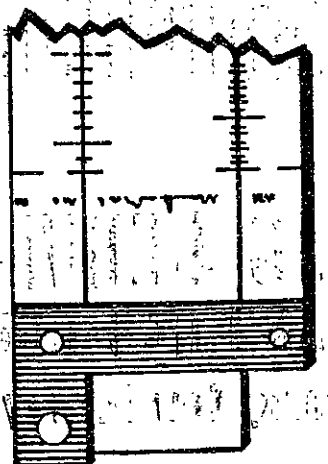
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# Cagers Smash Coast Guard, 75-69; Koch Hits 25

**By J. M. Blew '64**  
Saturday night at Rockwell Cage the MIT basketball squad thrashed an improving U. S. Coast Guard Academy five by a 75-69 score. Tech, now 3-4 for the season, defeated a good Coast Guard team that had been hampered by early-season injuries in compiling a 1-8 mark. After dropping behind briefly at 6-4, the Engineers, sparked by Jeff Paarz '63, who hit 4 of 6 long jumpers in the first half, took charge and dashed out to a 27-15 lead with some 7 minutes remaining in the half.

The Coast Guard rallied for a time, but Tech's two 6'5" forwards, Captain Dave Koch '62 and Bill Eagleson '64, put together several short taps on strong rebounding efforts. Eagleson and Koch had 5 field goals each in the first half as Tech led 37-29 at the half. At halftime Coast Guard switched their defense to a man-to-man full court press and threatened for a time to catch up. However, the Engineers used their set offense to advantage and converted 18 of 26 free

throw attempts in the second half. Dave Koch drove very well and scored his season's high game with 25 points. Chuck Gamble '62, who handled the ball beautifully against the press, hit 9 for 9 from the foul line, including 3 one-and-one situations. This performance makes him 18 for 20 for the year as Gamble is one of the Boston area leaders in this department. Gamble also chalked up his season's high point production with 19. Bill Eagleson and Jeff

Paarz hit double figures as well for MIT. The Varsity and J.V. squads played last night at the University of New Hampshire. This Saturday MIT plays perhaps its most important game of the season. Trinity College, holder of an early-season 10 point decision over Tech, will invade Rockwell Cage. The much-improved MIT five is looking forward to a victory that would virtually assure a successful season. Game time is 8:15, with the Freshman game at 6:30.

MIT vs. COAST GUARD (Varsity)					MIT vs. COAST GUARD (Varsity)				
MIT VAR.	fg	ft	pt	pt	USCGA	fg	ft	pt	pt
Koch	9	7	3	25	Hastings	8	3	3	19
Motter	0	0	0	0	Loy	4	1	2	9
Eagleson	7	2	4	16	Moncrief	6	1	4	13
Burns	0	1	4	1	Studley	1	1	1	3
Gamble	5	9	2	19	Leggett	3	3	4	9
Bray	0	0	0	0	Walsh	0	0	1	0
Paarz	5	2	2	12	McCann	3	0	2	6
Smith	0	0	0	0	Webster	0	0	1	0
Groninger	1	0	2	2	Pochman	2	6	3	10
Totals	27	21	17	75	Totals	27	15	21	69

Half-score: 37-29; Final: 75-69

## Frosh Edged By 3

The Tech freshman squad dropped a 56-53 decision to the Coast Guard frosh Saturday night. The frosh play this afternoon at 3:00 against Andover Academy in the cage.

MIT started out slowly and trailed by 32-24 at halftime. The frosh fought back, however, as forwards Jim Larson and Dick Morgen combined for 15 second half points. Tech finally took the lead at 48-47 with 3 minutes to go. Then they added two quick baskets to lead by 5 with 2 minutes left.

However, Coast Guard was not through as they collected 2 buckets and 5 foul shots in the waning moments. The little engineers had several late opportunities fall slowly off the rim and suffered a disappointing loss. MIT's record now stands at 2-4 while Coast Guard is 4-1.

The freshman squad has elected guard Frank Yin as captain for this 1962 season. Yin has averaged 8.3 points per game this season, with a high of 16 against Harvard, and is a fine play-maker.

MIT vs. COAST GUARD (Freshman)					MIT vs. COAST GUARD (Freshman)				
MIT FR.	fg	ft	pt	pt	C.G.	fg	ft	pt	pt
Grady	5	2	1	12	Somers	0	2	3	2
Yin	0	3	2	3	Hesser	3	2	2	8
McQuiken	4	3	1	11	Yentch	0	0	0	0
Larson	4	3	1	11	Sladek	5	2	2	12
Morgen	3	4	0	11	Blayne	0	0	2	0
Seal	2	2	4	6	Brunette	2	2	1	6
					Burness	5	0	4	10
					Andraskich	2	0	1	4
					Craven	1	0	2	2
					Hoppe	4	4	1	12
Totals	18	17	12	53	Totals	22	12	18	56

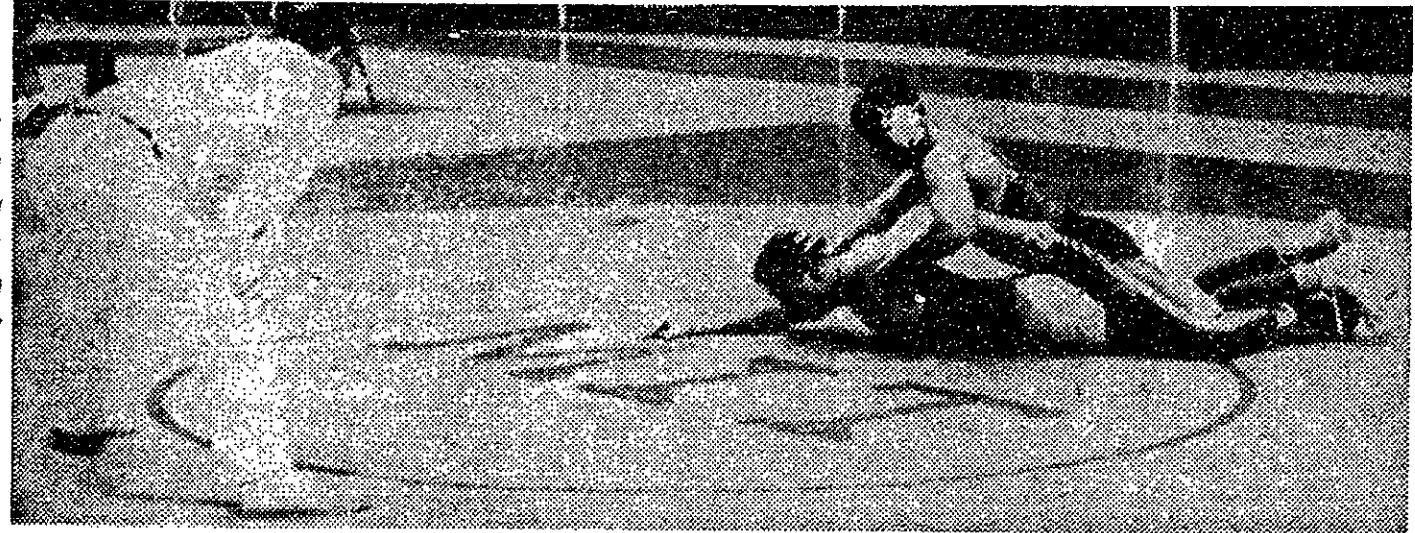
Half-score: 32-24; Final: 56-53

## Coast Guard Downs Wrestlers; Two Men Injured

**By John Butler '65**  
The Varsity wrestling team lost for the second time this season in Rockwell cage as Coast Guard walked off with a 26-6 victory. The freshmen won their match against Coast Guard's junior varsity 19-11, with exceptional performances against the more experienced Guardsmen. Armen Gabriellian, '63, won his match against Ted Bates by a 7-1 count. Don Topkis, '64, was pinned by Jim Kane in 5:57. Jim Evans, '63, undefeated

this year, won his match 4-0 over Dave McGann. Co-Captain Injured The next match pitted undefeated Co-Captain Greg Brown, '62, against his best opponent of this year, Tony DiBelli. The action was fast and furious: both men were working hard and well, and at the slightest sign of relaxation by either, the other gained a position of advantage. At that pace, something had to give, and it was an old injury in Brown's rib-cage cartilage. Brown momentarily recovered and continued to wrestle after a short rest. He nearly pinned DiBelli before the injury finally popped again and he was forced to stop. This forfeited the match to Coast Guard, making the team score 10-6. In the next match, Tom Gerrity, '63, was injured. He was striving for a take-down in the first round, when he was accidentally slammed onto the floor and injured his arm. This match was also forfeited, leaving the team score 15-6.

Paul Olmstead, '62, next faced Jim Lightner, and kept the match very close right down to the end; but the decision went against him, 7-5. Co-Captain Howie Graves, '62, dropped his match to Ken Sharpe, 8-3. Kim Sloat, '64, lost to Paul Fluegel by a pin in the first period. Freshmen Win 19-11 The freshman team overcame a disadvantage in both experience and conditioning to whip Coast Guard's junior varsity. Their season record now stands at four wins and one loss. Tom McCauley, wrestling for the first time this year, won his match by a 5-1 decision. 130-pound Jim Murphy was pinned by Jack Bishton, a sophomore, in 50 seconds of the third period. Ken Cairns, undefeated this year, pinned Gao Cicerelli of Coast Guard in 2:30 of the third round, after losing points earlier on an accidental takedown in the first period and drawing the disadvantage position in the second round. Frosh Elect Team Captain Don Frederickson, 147 pounder, was elected team captain just before the meet. He then went out and defeated Pete Burchell, a junior, by an 8-1 decision. George Borton outlasted Vince Cordaro for a 7-6 decision. Bob Wells won his match by pinning his opponent in 2:10 of the second round. Jim Postula lost to junior Larry Devries by a decision, avoiding being pinned despite precarious positions that the more experienced wrestler was able to work on him. John Butler, in his first year of wrestling, lost his match on a decision to sophomore Bob Bell.



## 9.01

## Introduction To Sports Squash

Squash is an indoor sport whose popularity is steadily growing. Like tennis in many ways, this sport is played in a specially designed room with a squash racquet and ball. The racquet is similar to the badminton racquet but is smaller and more heavily constructed. The ball, made of black rubber, is small and hard. Playing area consists of the floor and the four walls. The ceiling is "out of bounds." In singles play, the two opponents alternate hitting the ball. Play begins with a service

**By Bestwick Wyman '62**  
which must hit the front wall above a certain line and which must land in the service court. The opponent returns the ball to the front wall, and this continues until someone misses. Ball May Rebound In the course of play, the ball may rebound off any of the side walls. However, a player may allow a ball coming from the front court to bounce on the floor only once. In addition, he must return the ball to the front court without it hitting the floor again.

The two most important shots in squash are "down-the-wall" and "cross-court" shots. The "down-the-wall" is a forehand or backhand shot aimed so that the ball will stay on the same side of the court. The "cross-court" shot is aimed to put the ball on the other side of the court. Ball May Bounce Once A ball hit fairly hard will often come off the back wall, and a player may wait until it does to return it. The rule is that the ball may bounce only once, but that the bounce may be either before or after the ball hits the wall. When one player misses a shot, his opponent gets a point and also wins the service. The game is 15 points. If the score is tied 13-13, the player who is not serving may elect to play two points, three out of five, or four out of seven. If the score is tied at 14-14 (but not tied at 13 points), the game may be set at one point, two out of three, or three out of five. An individual match is three games out of five. An intercollegiate match consists of nine individual matches. Each team has a ranking with positions determined by matches with fellow-teams. Therefore, the team is ranked in order of ability and the top nine play in intercollegiate matches. The MIT squash coach is Ed Crocker; Crocker also doubles as tennis coach. Monroe Labouisse '62 is team captain. MIT has a total of fourteen squash courts. Six are in Dupont and eight are behind the Alumni Pool. The courts are available for public use except on weekdays from four to seven in the afternoon.

Average Now 1412

## Rifle Team Stops Vermont, Maine

The MIT rifle team finished its pre-exam shooting with decisive wins over Vermont and Maine on Friday and Saturday, respectively. The weekend's shooting raised the team's overall match average five points to a respectable 1412. The Tech score of 1429 fired against Vermont is the highest team score reported in the 19 member New England College Rifle League. It also produced Vermont's first loss in six matches. In Friday's match fired in the Tech range, seven people fired in the 280's, following the example set by Bruce Peterson '63 with a 289. Peterson was backed up by Steve Smith '62, 286; Al Gleim '62, 286; Jerry Skinner '63, 284; and Joe Boling '64, 284. Vermont shot a 1415. Saturday's match, with Maine, although classed as a home match was held at Hanscom Air Force Base's 10 point range. Only eight members of

the team fired in the match, conflicts and studies preventing the full complement of ten from firing. The team manager, Mike Harris '63, was pressed into service when two members of the team were unable to shoot. Dick Ludeman '63 led the team with 289, with Peterson and Gleim close behind at 286 and 285, followed by Smith, 282, and Skinner, 277, for a total of 1419. With ten regular shooters the team might have reached the 1430 mark. Maine fired their season's low of 1388. The team is now looking forward to the mid-term break, during which it will make its annual Southern Trip with the Pistol Team to New York and Washington to shoot against the service academies and top college teams. This year the Tech team will take on West Point, Annapolis, Merchant Marine, City College of New York, and Villanova.

## Tech Fires 1375 In Pistol Match

The MIT pistol squad fired a 1375 Saturday in a pistol match against the Coast Guard Academy. The Coast Guard scores have not arrived yet but due to their greater depth, a Tech victory is not anticipated. Captain John Gibbons, '62, led the team with a fine 285. Tom Issac's, '62, and Bill McFarland, '62, backed him up well with a 284 and a 282 respectively. The other two shooting in the high five were Bob Brooks, '64, 267, and Jeff Levinger, '63, 257. The team had a match yesterday at the Arlington Rod & Gun Club and Saturday they go to Hanscom Air Force Base for a shoulder-to-shoulder match against the Air Force Academy and the University of Massachusetts.

## IM Badminton Rosters Due

Rosters and deposits for intramural badminton are due in the Athletic Association of ice before 4:30 next Wednesday, January 17. Team managers should submit separate rosters and deposits for each team entered.

## How They Did

- Basketball — MIT (V) 75, Coast Guard 69.
- Coast Guard 56, MIT (F) 53.
- Fencing — MIT 16, Brandeis 11.
- Hockey — Colgate 8, MIT 1.
- Rifle — MIT 1429, Vermont 1415.
- MIT 1419, Maine 1388.
- Squash — (Army, V & F); Army 9, MIT (V) 0.
- Army 9, MIT (F) 0.
- Wrestling — Coast Guard 26, MIT (V) 6.
- MIT (F) 19, Coast Guard 11.

## Basketball Hall Of Fame Dedicated At Springfield

On November 6, Springfield College observed dedication ceremonies commemorating the Basketball Hall of Fame and the founder of Basketball, Dr. James Naismith.

Second class postage paid at Boston, Massachusetts. The Tech is published every Wednesday during the college year, except college vacations by THE TECH. Walker Memorial (50-21) MIT, Cambridge, Mass. Telephone 4-6900. Extension 2731. U. S. Mail subscriptions \$2.00 for one year, \$3.25 for two years.